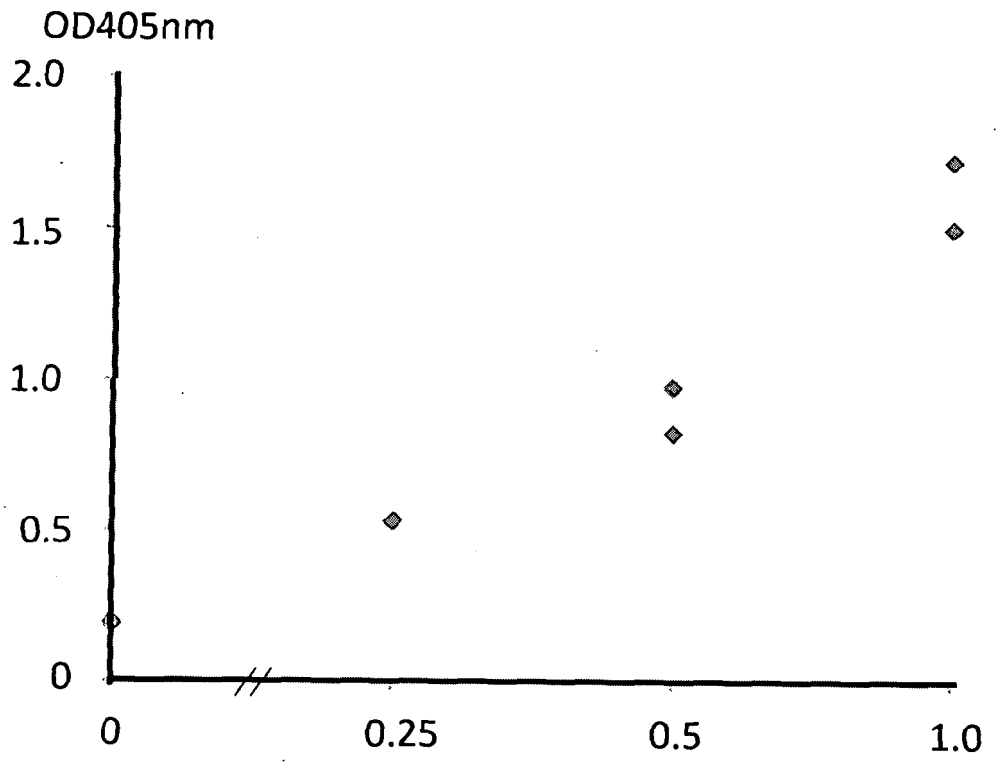

OD405nm
2.0
1.5
1.0
0.5
0
0
0.25
0.5
1.0
Dilution of digested Hela cell chromatin in horse serum

FIGURE 1

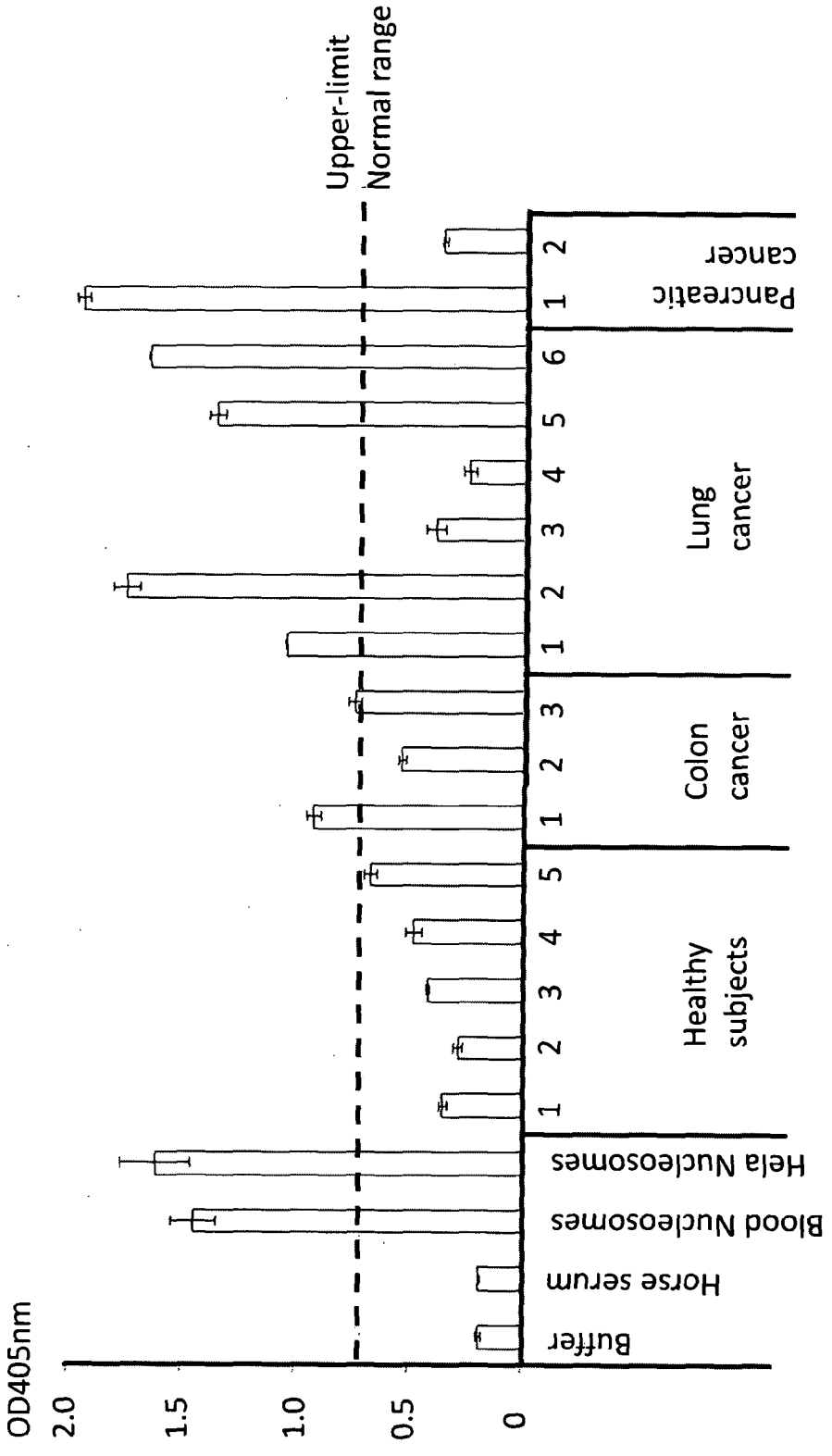

OD405nm
2.0
1.5
1.0
0.5
0
Upper-limit
Normal range
Buffer
Horse serum
Blood Nucleosomes
Hela Nucleosomes
Healthy subjects
1 2 3 4 5
Colon cancer
1 2 3
Lung cancer
1 2 3 4 5 6
Pancreatic cancer
1 2

FIGURE 2

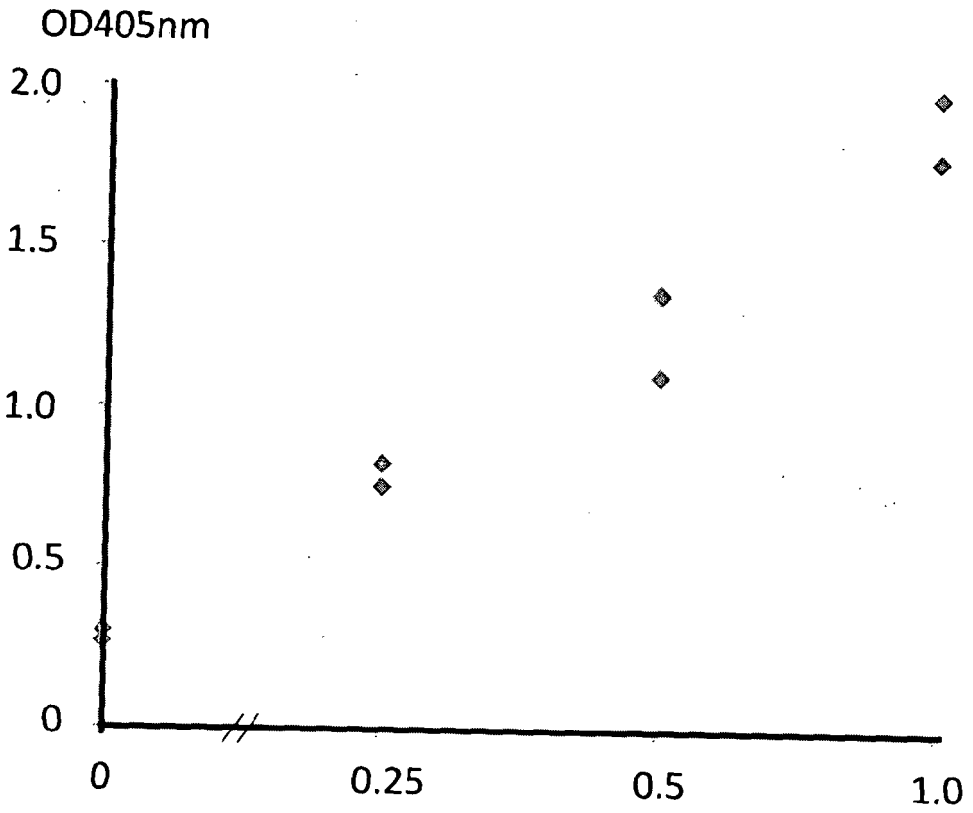

OD405nm
2.0
1.5
1.0
0.5
0
0
0.25
0.5
1.0
Dilution of digested Hela cell chromatin in horse serum

FIGURE 3

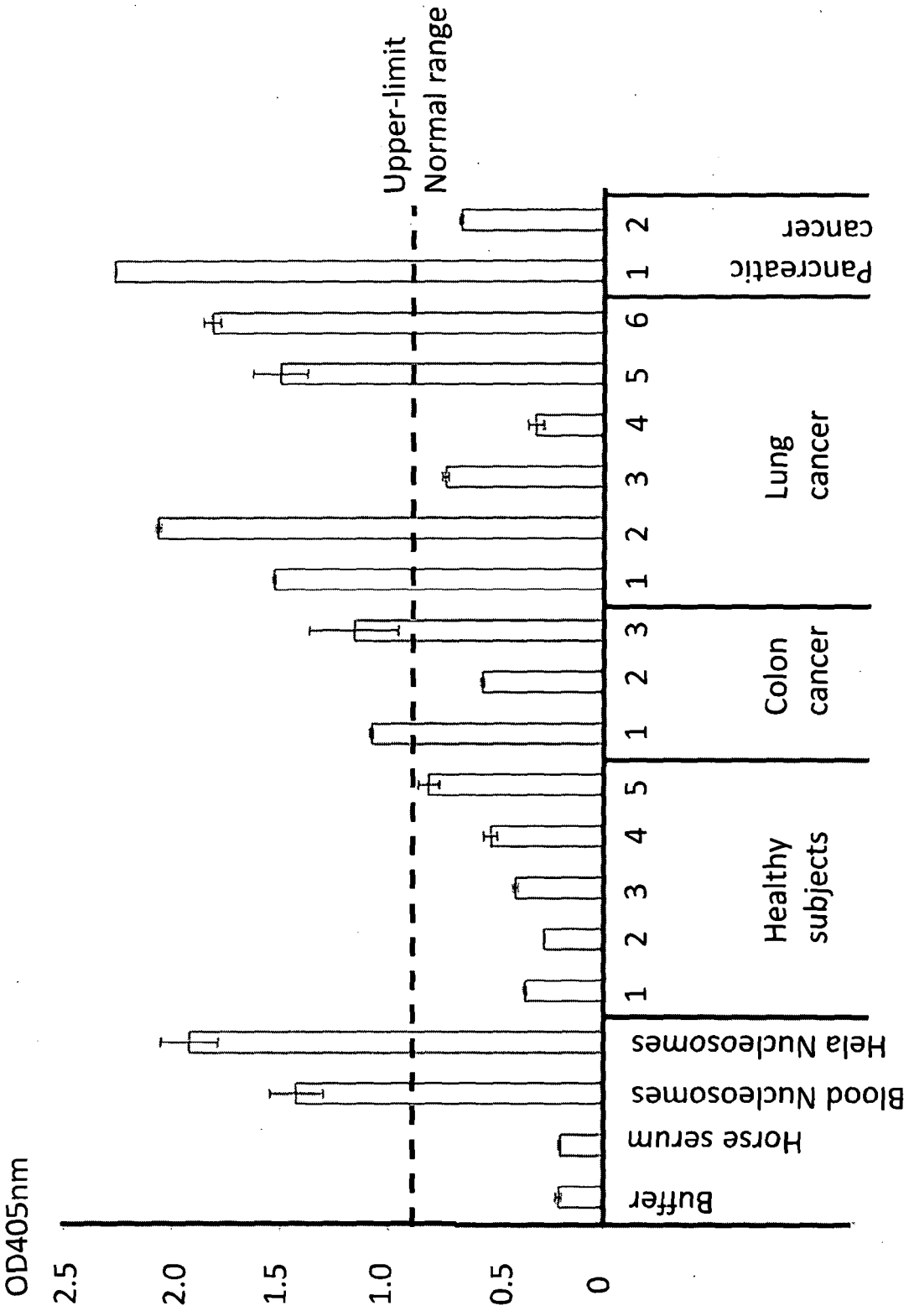

OD405nm
2.5
2.0
1.5
1.0
0.5
0
Upper-limit
Normal range
Buffer
Horse serum
Blood Nucleosomes
Hela Nucleosomes
Healthy subjects
1 2 3 4 5
Colon cancer
1 2 3
Lung cancer
1 2 3 4 5 6
Pancreatic cancer
1 2

FIGURE 4

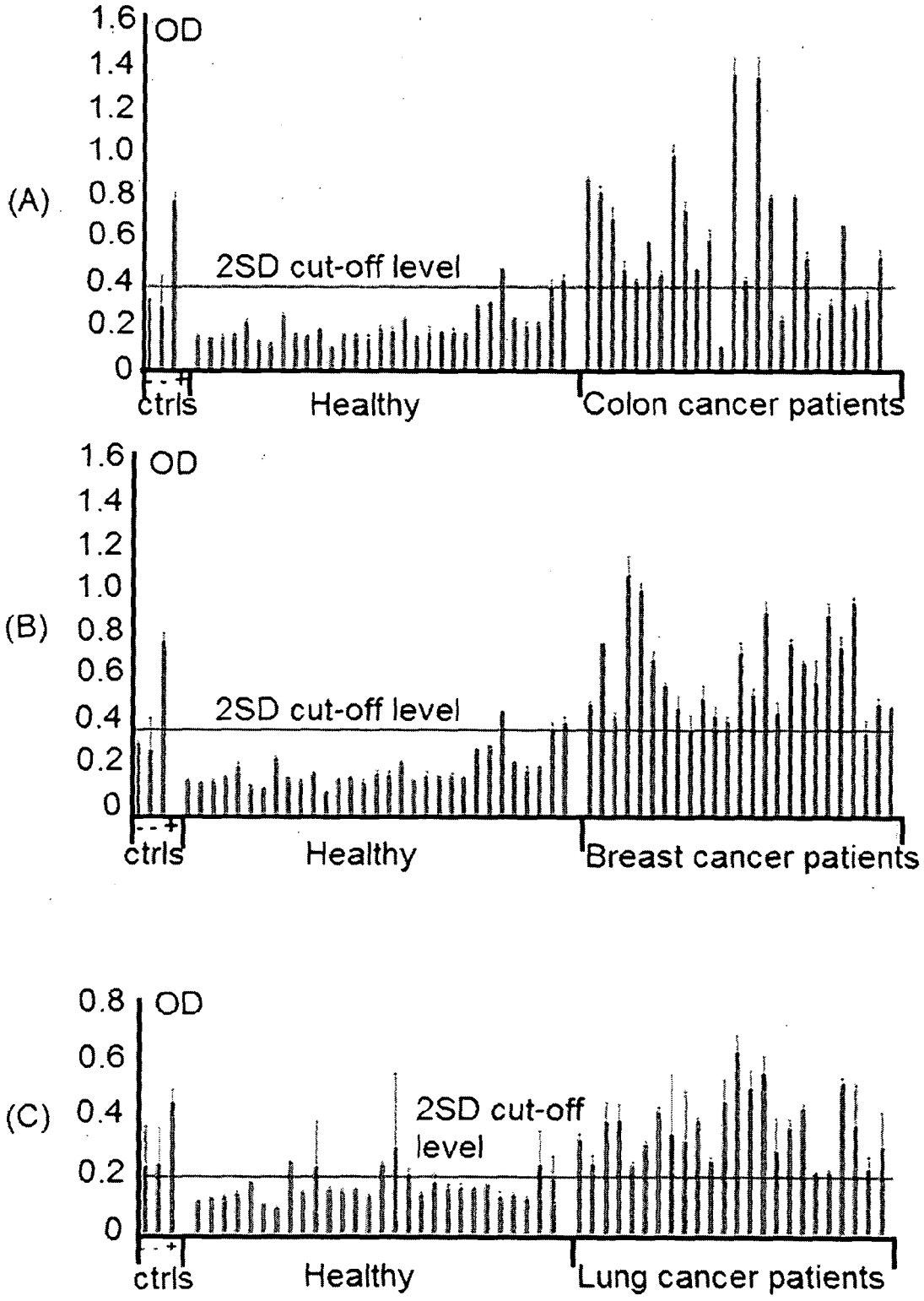

(A)
1.6
1.4
1.2
1.0
0.8
0.6
0.4
0.2
0
OD
2SD cut-off level
- - +
ctrls
Healthy
Colon cancer patients
(B)
1.6
1.4
1.2
1.0
0.8
0.6
0.4
0.2
0
OD
2SD cut-off level
- - +
ctrls
Healthy
Breast cancer patients
(C)
0.8
0.6
0.4
0.2
0
OD
2SD cut-off level
- - +
ctrls
Healthy
Lung cancer patients

FIGURE 5

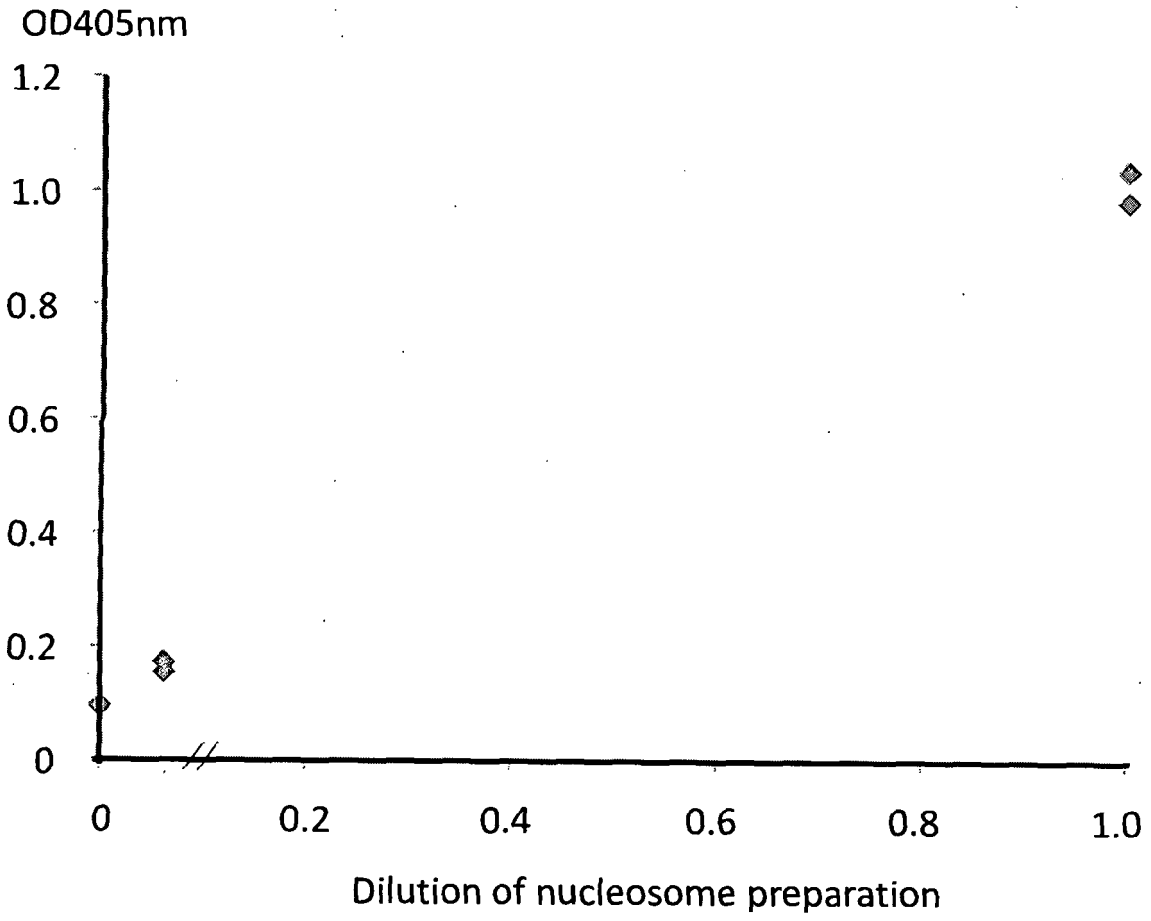

OD405nm
1.2
1.0
0.8
0.6
0.4
0.2
0
0
0.2
0.4
0.6
0.8
1.0
Dilution of nucleosome preparation

FIGURE 6

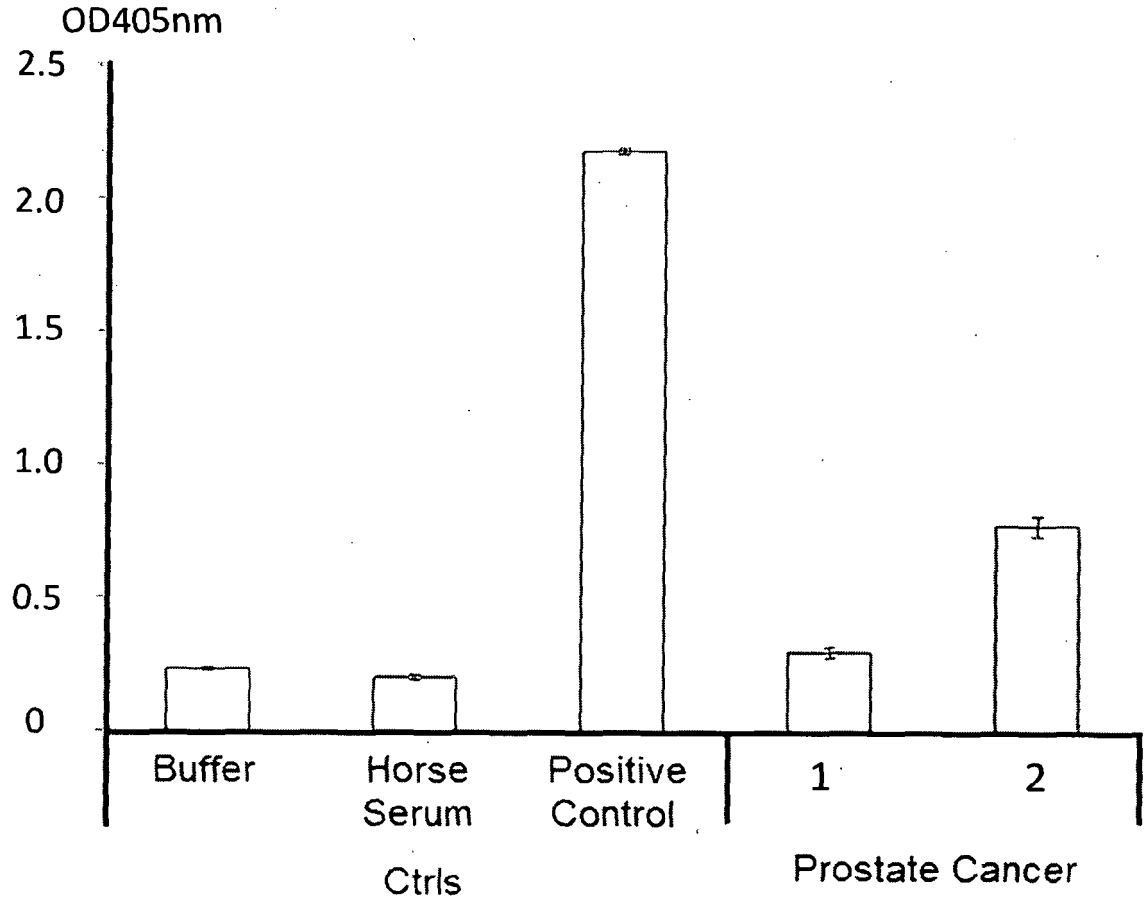

OD405nm
2.5
2.0
1.5
1.0
0.5
0
Buffer
Horse Serum
Positive Control
1
2
Ctrls
Prostate Cancer

FIGURE 7

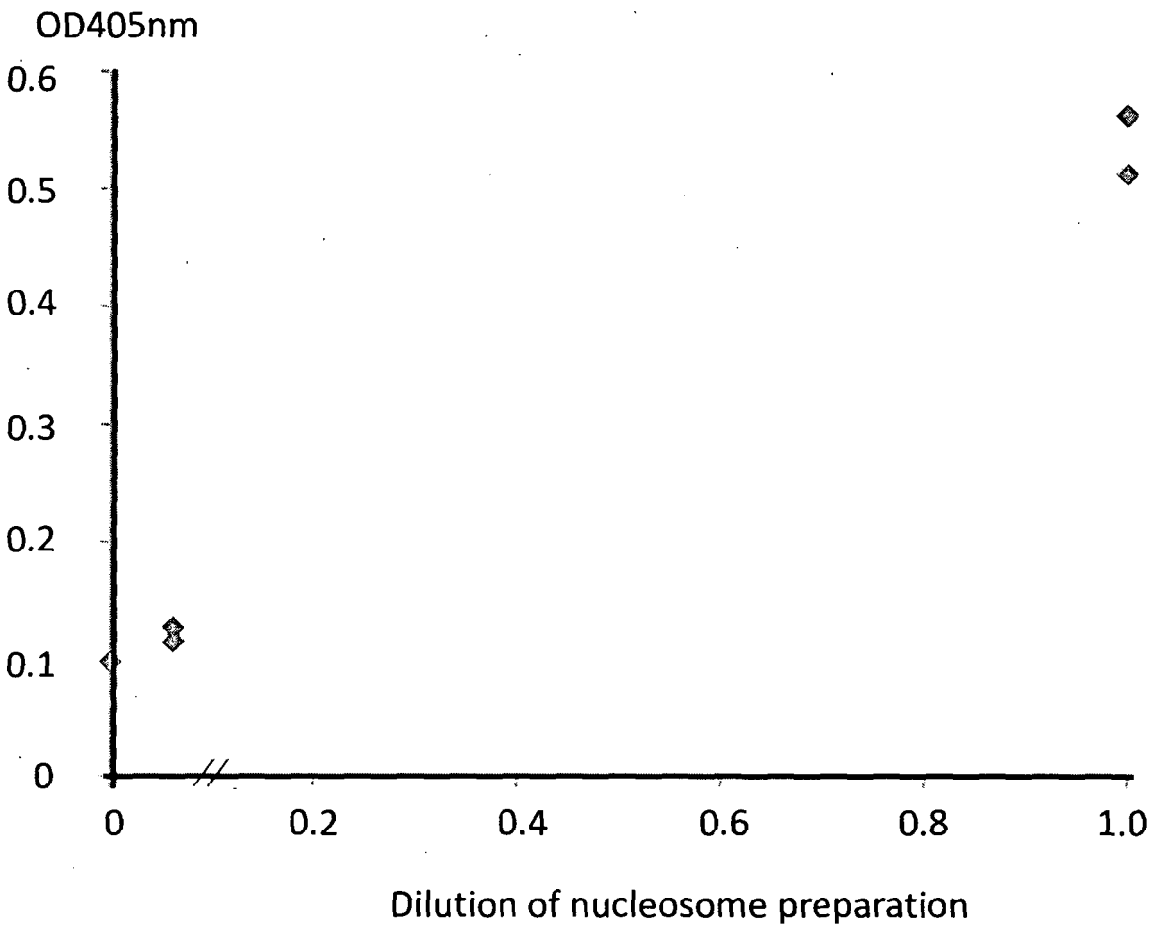

OD405nm
0.6
0.5
0.4
0.3
0.2
0.1
0
0
0.2
0.4
0.6
0.8
1.0
Dilution of nucleosome preparation

FIGURE 8

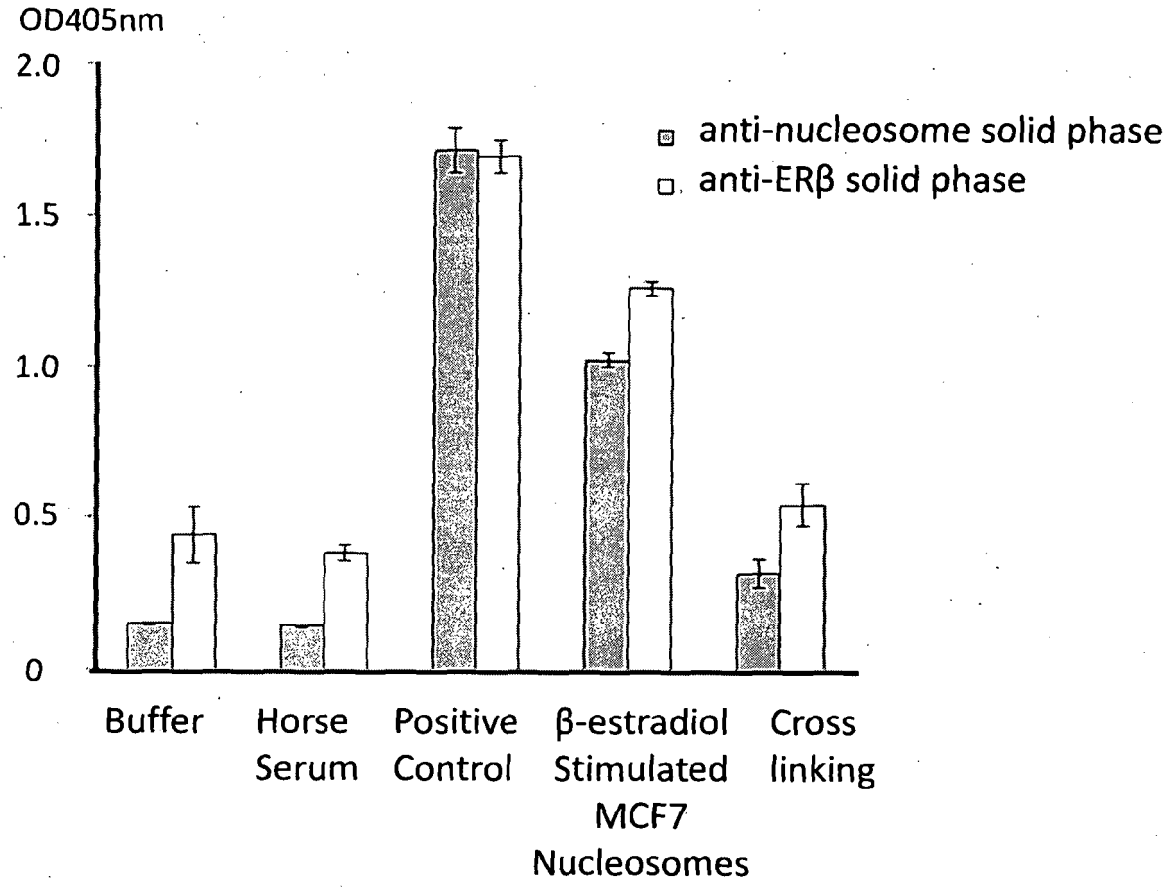

OD405nm
2.0
1.5
1.0
0.5
0
anti-nucleosome solid phase
anti-ERβ solid phase
Buffer
Horse Serum
Positive Control
β-estradiol Stimulated MCF7 Nucleosomes
Cross linking

FIGURE 9

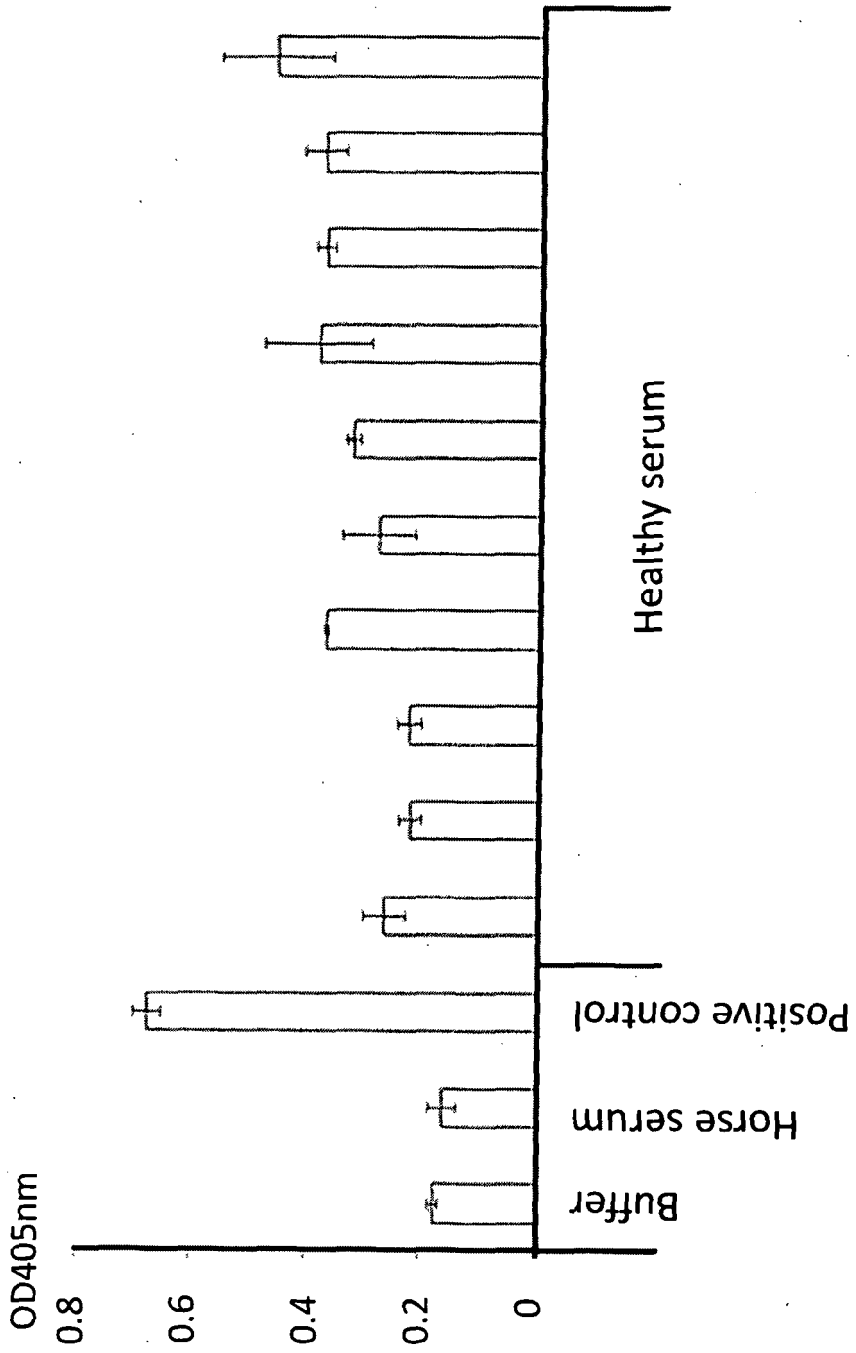

OD405nm
0.8
0.6
0.4
0.2
0
Buffer
Horse serum
Positive control
Healthy serum

FIGURE 10

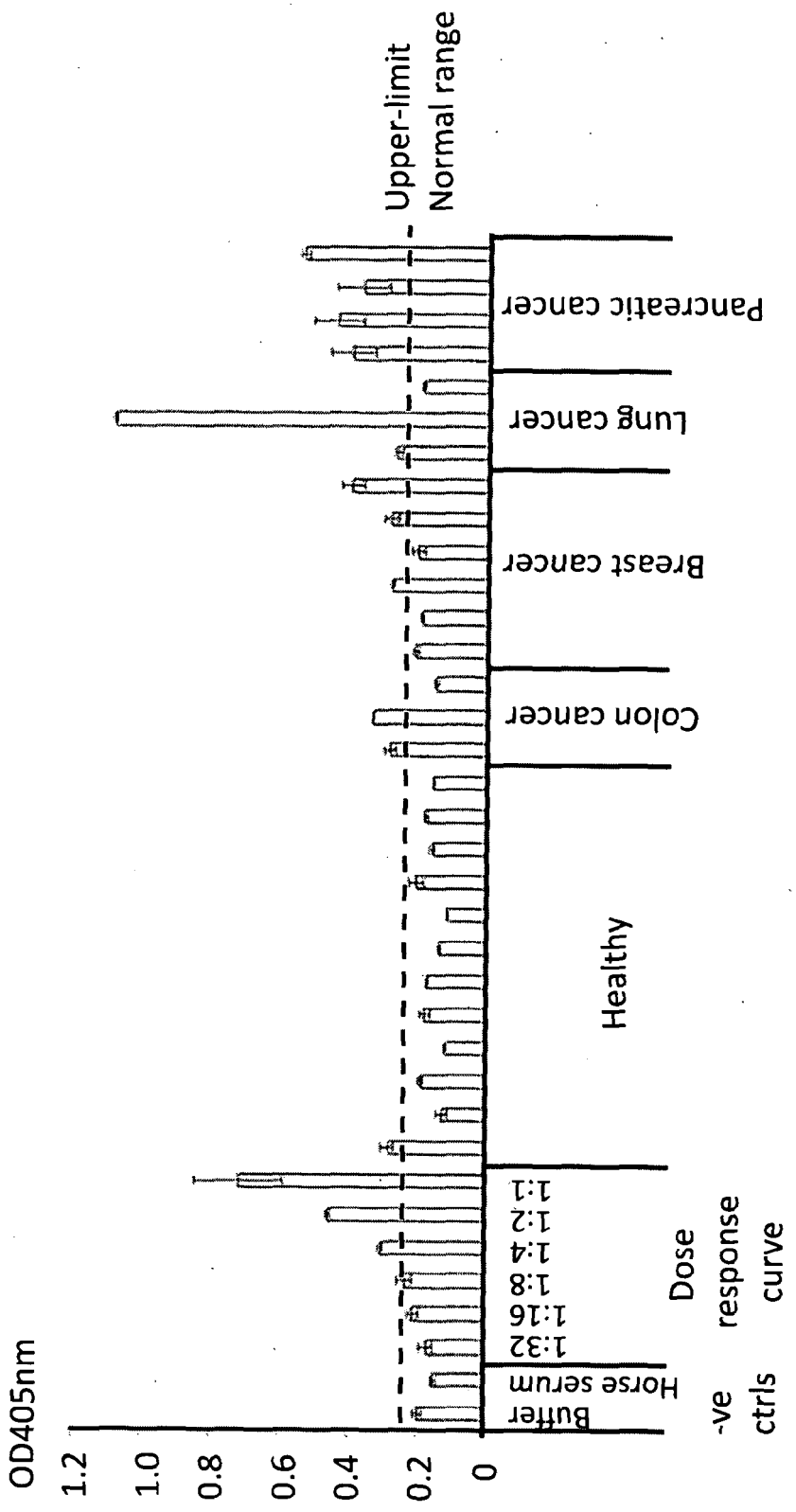

OD405nm
1.2
1.0
0.8
0.6
0.4
0.2
0
Upper-limit
Normal range
Buffer
Horse serum
1:32
1:16
1:8
1:4
1:2
1:1
-ve ctrls
Dose response curve
Healthy
Colon cancer
Breast cancer
Lung cancer
Pancreatic cancer

FIGURE 11